

ABSTRACT

A universal serial bus (USB) device and an initializing method therefor. The USB device includes an interface, at least one signal line and a voltage regulator. The interface stores a basic descriptor. The interface primarily activates an initialization signal and transfers the basic descriptor to a host to perform a primary initialization. Further, the interface downloads a real descriptor stored in the host in response to a download command generated from the host, and secondarily activates the initialization signal and transfers the real descriptor to the host to perform a secondary initialization. The signal line guides the basic descriptor, the real descriptor and the download command. The voltage regulator pulls up the signal line while the initialization signal is activated.

100-200-300-400-500-600-700-800-900